ELSEVIER

Agricultural and Forest Meteorology 92 (1998) 269–270

AGRICULTURAL AND FOREST METEOROLOGY

Contents of Volume 92, 1998

VOL. 92, NO. 1 — 10 JULY 1998

Publisher's Note v

Calibration of soil heat flux sensors
W.K.P. van Loon, H.M.H. Bastings and E.J. Moors 1
A combination model for estimating stomatal conductance of maize (*Zea mays* L.) leaves over a long term
G.-R. Yu, K. Nakayama, N. Matsuoka and H. Kon 9
Test of two SVAT snow submodels during different winter conditions
M. Stähli and P.-E. Jansson 29
Laboratory study of fungal spore movement using Laser Doppler Velocimetry
A. Rambert, L. Huber and P. Gougat 43
Comparison of various methods for estimating the mean growing season percent photosynthetic photon flux density in forests
F. Gendron, C. Messier and P.G. Comeau 55

Book Review
Scaling-up from cell to landscape 71

VOL. 92, NO. 2 — 31 JULY 1998

An interactive vegetation SVAT model tested against data from six contrasting sites
J.-C. Calvet, J. Noilhan, J.-L. Roujean, P. Bessemoulin, M. Cabelguenne, A. Olioso and J.-P. Wigneron 73
Simultaneous assessment of photosynthetically active and ultraviolet solar radiation
A.V. Parisi, J.C.F. Wong and C. Randall 97
A daily rainfall disaggregation model
R.D. Connolly, J. Schirmer and P.K. Dunn 105
Modeling transpiration and soil water content from a corn (*Zea Maize* L.) field: 20 min vs. daytime integration step
C.O. Stockle and J. Jara 119
Measurement of evapotranspiration and its components in a corn (*Zea Mays* L.) field
J. Jara, C.O. Stockle and J. Kjelgaard 131

VOL. 92, NO. 3 — 16 OCTOBER 1998

Modeling biophysical controls on land surface temperature and reflectance in grasslands
N. Morrow and M.A. Friedl (Boston, MA, USA) 147
Quantifying spatial variability of photosynthetically active radiation within canopies using a multipoint measuring system
L. Palva, E. Garam, E. Siivola, R. Sepponen (Hut, Finland) and P. Hari (Helsinki, Finland) 163

Evaporation of intercepted precipitation based on an energy balance in unlogged and logged forest areas of central Kalimantan, Indonesia
C. Asdak (Bandung, Indonesia), P.G. Jarvis and P.V. Gardingen (Edinburgh, UK) 173
Diurnal asymmetry in surface albedo
J. Song (DeKalb, IL, USA) 181
The effect of night temperature on greenhouse grown tomato yields in warm climates
D.H. Willits and M.M. Peet (Raleigh, NC, USA) 191

VOL. 92, NO. 4 4 DECEMBER 1998

Accuracy of the MacArthur-Horn method for estimating a foliage profile
Y. Fukushima, T. Hiura (Tomakomai, Japan) and S.-i. Tanabe (Sapporo, Japan) 203
Spatial interpolation of climatic Normals: test of a new method in the Canadian boreal forest
I.A. Nalder and R.W. Wein (Edmonton, Canada) 211
On needs and deeds in agrometeorology in tropical Africa
A.A. Olufayo (Akure, Nigeria), C.J. Stigter (Wageningen, The Netherlands) and C. Baldy (Chambéry le Haut, France) 227
Interaction of temperature and daylength on leaf appearance rate in wheat and barley
Y.W. Jame, H.W. Cutforth (Saskatchewan, Canada) and J.T. Ritchie (East Lansing, MI, USA) 241
Heat and moisture dynamics in raised field systems of the lake Titicaca region (Bolivia)
D. Sánchez de Lozada, P. Baveye and S. Riha (Ithaca, NY, USA) 251
Erratum to "A novel multipoint measuring system of photosynthetically active radiation" [Agricultural and Forest Meteorology 89(1998)141–147]
L. Palva, E. Garam, F. Manoochehri, R. Sepponen, P. Hari, K. Rajala, H. Ruotoistenmäki and I. Seppälä (Helsinki, Finland) 267

Contents of Volume 92, 1998 269